BRUHAT BANGALORE MAHANAGAR PALIKE

DASARAHALLI ZONE

Name of Work : Construction of Pathway and Other works at Indira Canteen at Abbigere in Ward No.12, Shettyhalli Sub Division.

Est .Cost Rs. 4.50Lakhs

Sl No	Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB-2-2.2: **Earthwork excavation for foundation of buildings, water supply, sanitary lines** and electrical conduits either in pits or in trenches 1.5 m and above in width, in hard soil not exceeding 1.5m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead up to 50 m. after breaking of clods complete as per specifications. Specification No. KBS 2.1(b) 2.3.5 **Page No. 5/ Item No. 2.4/ PWD SR 2016-17**								
	For water supply pipe line	Cum	1	150.00	0.60	0.75	67.50		
			1	44.00	0.60	0.75	19.80		
							87.30	305.64	26682.372
	in Hard Soil Basic Rate	283.00							
	Area Weightage @ 8%	22.64							
		305.64							
2	KSRB 14.6-1: Providing and laying **heavy duty cobble stones 60mm thick interlock pavers**, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS. **(P.No. 101, I.No. 14.6 of CSR 2016-17)**								
	Canteen left side	**sqm**	1	15.00	1.00		15.00		
	Back side		1	13.50	1.00		13.50		
	Right side		1	15.00	1.00		15.00		
	Front side		2	2.00	1.50		6.00		
	footpath		1	50.00	0.60		30.00		
			1	6.00	1.20		7.20		
							86.70	984.96	**85,396.03**
	Basic Rate	**912.00**							
	Area Weightage 8%	72.96							
		984.96							
3	**Providing and instalation at site of works P.V.C.Pipes** including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc., Page No.15 item No.3.4.2 b PRED SR 2012-13.								
		Mtr	1	150.00			**150.00**	157.00	**23,550.00**
	Basic Rate	157.00							
4	Providing and fixing to wall, ceiling and **floor unplasticised PVC pipes** 10.00 kgf/sq.cm working pressure chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials,with **160mm outer dia (PWD Sr 2016-17 P 74 It 11.54.4)**								

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Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
for connecting sanitary line from canteen back side	mtr	1	44.00			44.00	1566.00	68904.00
Basic Rate	1450.00							
Area Weightage @ 8%	116.00							
	1,566.00							
KSRB-2-4: **Refilling available earth around pipe lines**, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5m including cost of all labour complete as specifications.. allow 60% of rate considered under item KSRB 2.3 **(Page No. 6/ Item No. 2.11/ PWD SR 2016-17**								
	Cum	qty as per lt 1				87.30	82.08	7165.58
Basic Rate	76.00							
Area Weightage @ 8%	6.08							
	82.08							
Providing and fixing **granite poles of size 6"x3"x6' ht, making design as per the dirctions of Engineer-In-charge of work**								
Market rate	Each	Nos	12			12	1000.00	12000.00
roviding and laying flooring using **prepolished, water cut/gang saw 19mm thick granite** laid over bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with igment to mach shade of granite slabs including laying POP on finished surface and eaning the surface, including the cost of all materials and labours etc., complete as per pecifications. - **using silver grey granite / Multy Red / Ruby Red / Black / assanGreen Granite of width not less than 1200mm (P.No.107, I.No.14.47.1 of PWD R 2016-17)**								
	sqm	2	5.00	0.75		7.50		
		2	1.50	0.75		2.25		
Basic Rate	2,619.00					9.75	2828.52	27578.07
Area Weightage 8%	209.52							
	2,828.52							
oviding and fixing **M.S. Gate** as per Chief Architect Drawing, using 50mm x 50mm 14 age M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing d 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast n spikes are provided at alternate vertical members asshown in the drawing etc., mplete. All the steel surface should be thoroughly cleaned free of rust and painted with i corrosive paint (shop paint) etc., complete. The work includes cost of all materials, our charges for all items of work, hire charges for welding, cutting and grinding uipment, and electricity charges, with lead and lift, loading and unloading charges, etc., mplete as per specifiocation. **(P. No. 43 / I. No. 7.37 of CSR 2016-17)**									
es	sqm	2	1.50	1.20		3.60	3168.72	11407.39
Basic Rate	2,934.00							
Area Weightage 8%	234.72							
	3,168.72							

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Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
Providing and fixing **Stainless steel staircase raling** as per Chief Architect Drawing No. 1520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications. **(P. No. 43 / I. No. 7.38 of CSR 2016-17)**								
	sqm	2	5.00			10.00		
		2	1.50			3.00		
Basic Rate	6,147.00					**13.00**	6638.76	**86303.88**
Area Weightage 8%	491.76							
	6,638.76							
Providing and fixing pre cast solid concrete **kerb stones of size** 450x150x500 mm made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting ete., complete.**(PWD SR 2016-17 P 24 It No 5.29.2)**								
	Each	1	35.00			35.00		
			No of kerbs			**78.00**	381.24	**29736.72**
Basic Rate	353.00							
Area Weightage 8%	28.24							
	381.24							
Providing & laying reinforeced cement precast slabs of mix CC 1:11/2:3 using 20mm & down size graded Granite metal using HYSD 10mm dia steel @ 100mm c/c both ways & Complete as per specfications.								
Approved rate	**sqm**	1	35.00	1.20		**42.00**	1680.00	70560.00
								715.95
Miscellaneous and unforseen Charges						**Total Rs**		**450000.00**

(Rupees four lakhs fifty thousand only)

CERTIFICATE

The Work spot has been inspected and the work found to be necessary
The Estimate is prepared as per the PWD SR 2016-17
The Provision made in estimate are adequate and essential
This area comes under BBMP limits.

Asst Engineer
Ward No-12

Asst Executive Engineer
Shettyhalli Sub-Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

ನಂ. EE/DD/AS/03 ದಿನಾಂಕ: 12/06/17
ರೂ. Four lakh Fifty Thousand only
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

ನಂ. EE/DD/TS/03 ದಿನಾಂಕ: 12/06/17
ರೂ. Four lakh Fifty Thousand only
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿ
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ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

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